



SERVICE INFORMATION LETTER

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OXYGEN - ATA CHAPTER 35

VENDOR CODE: 53655

US GOVERNMENT FINAL RULE FOR THE TRANSPORTATION OF CYLINDERS CONTAINING COMPRESSED OXYGEN

1. BACKGROUND

- A. The US Government has issued a Final Rule (published on January 31, 2007 in Federal Register Vol. 72 No. 20) on the transportation of compressed oxygen and chemical generators by air. Part of this new rule (49 CFR 173.302a(f)(2)(i) and (ii)) sets new requirements for pressure relief devices on compressed oxygen cylinders. This Service Information Letter (SIL) provides information on AVOX Systems components that include compressed oxygen cylinders which meet the new requirements.
- B. Most AVOX Systems components that include compressed oxygen cylinders are in compliance with and have always been in compliance with the pressure relief requirements of this new rule. AVOX Systems Portable Cylinder Assemblies (PCA's), Cylinder and Regulator Assemblies (CRA's) and Cylinder and Valve Assemblies (CVA's) that comply with this new rule are listed in Tables 1-4.
- C. You are authorized to make copies of this SIL and give them to other persons. If you make a copy of this SIL, you must make a copy of all of the SIL.

2. EFFECTIVITY

A. Aircraft

The new rule and this SIL do not apply to oxygen cylinders installed in and made part of an aircraft. However, if any oxygen cylinder that is part of an aircraft is removed from the aircraft, it must comply with the requirements of the new rule before it can be shipped as freight or COMAT by air.

NOTE: The new rule states in part that:

- (2) Cylinders must be equipped with a pressure relief device in accordance with Sec. 173.301(f) and, beginning with the first requalification due after October 1, 2007:
 - (i) The rated burst pressure of a rupture disc for DOT 3A, 3AA, and 3AL cylinders must be 100% of the cylinder minimum test pressure with a tolerance of -10 to plus zero percent; and
 - (ii) The rated burst pressure of a rupture disc for a 3HT must be 90% of the cylinder minimum test pressure with a tolerance of -10 to plus zero percent.

B. AVOX Systems PCA's, CRA's

1. This SIL provides information on AVOX Systems PCA's, CRA's and CVA's listed in Tables 1-4 that were manufactured at any time by AVOX Systems or any of its predecessors.
2. All AVOX Systems PCA's, CRA's and CVA's currently can be shipped by air in accordance with the Hazardous Material and Transportation regulations (49 CFR).
3. The new rule on transporting oxygen cylinders requires that the pressure relief devices of all cylinders transported as freight or COMAT by air meet certain performance requirements. All AVOX Systems PCA's, CRA's and CVA's listed in this SIL include pressure relief devices that meet the requirements of this new rule and can continue to be transported as freight or COMAT by air in accordance with the Hazardous Materials and Transportation regulations (49 CFR) after October 1, 2007 without further rework or adjustment.

NOTE: Not all AVOX Systems PCA's, CRA's and CVA's produced have pressure relief devices that meet the new rule. If you have an AVOX Systems PCA, CRA or CVA that is not listed in this SIL, contact AVOX Systems for further information (see section 5).

NOTE: The new rule also provides that after September 30, 2009 special flame and heat resistant packaging will be required to ship charged oxygen cylinders by air. This SIL does not address this requirement.



Table 1
Compliant PCA's, CRA's and CVA's with Cylinder Rating 3AA-1800

25200-22	5500-A1U-F30AN	5500-B1V-BF20B	5500-C1U-B23AN	5500-C9U-F30AN	5500-M6W-BBF10A
25200-38	5500-A1V-BF20B	5500-B1W-BF10A	5500-C1U-B25A	5500-C9U-H20A	5500-M6W-FF23AN
25200-48	5500-A1V-BF25B	5500-B1W-BF20A	5500-C1U-BF23A	5500-C9W-FF10A	5500-M6W-FF23AP
25200-63	5500-A1V-F20BM	5500-B1X-Y0E	5500-C1U-BF25A	5500-C9W-Y0E	5500-N6S-BF10A
5500-A1A-A23A	5500-A1W-BF23A	5500-B1X-YY0E	5500-C1U-BF30A	5500-C9X-BB20A	5500-P6U-EEE20A
5500-A1A-AB23A	5500-A1W-BF25A	5500-B3B-F25A	5500-C1U-F23A	5500-D1A-BF23A	5500-Q6X-BF23A
5500-A1A-AE20B	5500-A1W-BF30A	5500-B6A-BF23B	5500-C1U-F30AN	5500-D1A-E20A	5500-Q6X-F5AM
5500-A1A-AE20B	5500-A1X-BF20B	5500-B6A-F23B	5500-C1U-FF23A	5500-D1A-E25A	5500-Q6X-YY0E
5500-A1A-B15A	5500-A1X-FF23A	5500-B6C-BF25A	5500-C1V-F20BM	5500-D1A-F23A	5600-1A1A-X0K
5500-A1A-B20A	5500-A1Y-BF20B	5500-B6U-BF25A	5500-C1V-F30AN	5500-D1A-Y0E	5600-1B1A-E20B
5500-A1A-BB20A	5500-A3A-BF23A	5500-B6U-F30AN	5500-C1V-F30BN	5500-D1A-Y0N	5600-1B1A-F23A
5500-A1A-BB23A	5500-A5A-BG20B	5500-C1A-B23A	5500-C1V-FG20B	5500-D1A-YY0E	5600-1C1A-B20A
5500-A1A-BB25A	5500-A6A-BF23A	5500-C1A-BB20B	5500-C1V-FY30AN	5500-D1A-YY0P	5600-1C1A-B20B
5500-A1A-BC30A	5500-A6A-BF23B	5500-C1A-BF20A	5500-C1V-GF20B	5500-D1P-CC20A	5600-1C1A-B23A
5500-A1A-BE20A	5500-A6A-F20B	5500-C1A-BF20B	5500-C1W-BF15A	5500-D1W-BB15A	5600-1C1A-BF23A
5500-A1A-BE20B	5500-A6P-FF23A	5500-C1A-BF20D	5500-C1W-BF23A	5500-D1W-BF23A	5600-1C1A-E20A
5500-A1A-BF10A	5500-A6S-B30A	5500-C1A-BF23A	5500-C1W-BF30A	5500-D1X-Y0E	5600-1C1A-E20B
5500-A1A-BF20B	5500-A6W-BB15A	5500-C1A-BF23B	5500-C1X-BF20B	5500-D1X-Y0N	5600-1C1A-E20D
5500-A1A-BF23A	5500-A6W-BB23A	5500-C1A-BF23D	5500-C1Y-BF20B	5500-D6A-Y0E	5600-1C1A-E23A
5500-A1A-BF23B	5500-A6W-BB25A	5500-C1A-BF30A	5500-C6A-BF15A	5500-D6A-YY0E	5600-1C1A-E23B
5500-A1A-BF23D	5500-A6W-F30AP	5500-C1A-BG23A	5500-C6A-BF20A	5500-D6A-YY0N	5600-1C1A-F20A
5500-A1A-BF25A	5500-A6W-FF15A	5500-C1A-E20BN	5500-C6A-BF20B	5500-D6X-HH30A	5600-1C1A-F20B
5500-A1A-BF25B	5500-A6W-FF23A	5500-C1A-E23AN	5500-C6A-BF23A	5500-F1X-FH20A	5600-1C1A-F23A
5500-A1A-BF30A	5500-A9A-B30A	5500-C1A-EG23A	5500-C6A-BF23B	5500-F6A-BB30A	5600-1C1A-F23B
5500-A1A-BF30B	5500-A9S-AC25A	5500-C1A-F20B	5500-C6A-BF23D	5500-G1A-B23A	5600-1C1A-F25A
5500-A1A-C30B	5500-A9S-BF30A	5500-C1A-F23A	5500-C6A-BF25A	5500-G1A-BB20A	5600-1C1A-X0K
5500-A1A-E20A	5500-A9S-G30A	5500-C1A-F23AK	5500-C6A-BG30B	5500-G1A-F20A	5600-1C1A-X0M
5500-A1A-EE23A	5500-A9W-EE25A	5500-C1A-F23AP	5500-C6A-EF20A	5500-G1W-EE30A	5600-1C1B-Y0M
5500-A1A-F20A	5500-A9X-F23A	5500-C1A-F25A	5500-C6A-F20A	5500-J1A-ABE20B	5600-1C6A-E20A
5500-A1A-F20B	5500-B1A-B30A	5500-C1A-FF20A	5500-C6A-F20AR	5500-J1A-BBF20A	5600-1C6A-F23A
5500-A1A-F20D	5500-B1A-BE20B	5500-C1A-FF23A	5500-C6A-F23AE	5500-J1A-BBF20B	5600-1C6A-F23B
5500-A1A-F23A	5500-B1A-BF20A	5500-C1A-FG23A	5500-C6A-F30A	5500-J1A-BBF23A	5600-1C6A-X0K
5500-A1A-F25A	5500-B1A-BF20B	5500-C1A-FH23A	5500-C6A-F30AE	5500-J1A-BEG20B	5600-1C9F-F30A
5500-A1A-F25AN	5500-B1A-BF20D	5500-C1A-FY30BN	5500-C6A-F30AN	5500-J1A-LBF23A	5600-1D1A-F23A
5500-A1A-G20B	5500-B1A-BF23A	5500-C1A-X0K	5500-C6A-G30AN	5500-L1W-BBF23A	5600-1D1A-F30A
5500-A1A-X0K	5500-B1A-BF23B	5500-C1A-Y0E	5500-C6A-Y0N	5500-L6C-BBF23A	5600-1D6A-E20A
5500-A1A-YY0E	5500-B1A-BF25A	5500-C1A-Y0N	5500-C6A-YY0N	5500-L6C-BBF25A	5600-1G1A-F20A
5500-A1B-F23A	5500-B1A-CF23A	5500-C1A-YY0N	5500-C6E-BF23D	5500-L6U-BBF25A	5600-1M1A-BF23A
5500-A1M-AA15B	5500-B1A-CF25A	5500-C1A-YY0E	5500-C6R-BF23D	5500-L6W-BBF25A	5600-1M1A-F20BM
5500-A1N-BF23A	5500-B1A-F20D	5500-C1B-BF23D	5500-C6T-G20B	5500-L6W-BEF23A	5600-2A1A-B23B
5500-A1Q-B30D	5500-B1A-F23A	5500-C1B-E25A	5500-C6U-BF30A	5500-L6W-FF23AP	5600-2A1A-F23A
5500-A1R-EE25A	5500-B1A-F30A	5500-C1N-BF23A	5500-C6U-F23AP	5500-M1A-BBB20B	5600-2B1A-E20A
5500-A1S-B15A	5500-B1A-FF20A	5500-C1S-B20AE	5500-C6W-FF23A	5500-M1A-BH23A	5600-2B1A-F20A
5500-A1S-B20A	5500-B1A-Y0P	5500-C1S-B20AP	5500-C6X-BF23D	5500-M1A-BH23AN	5600-2B1A-Y0E
5500-A1S-CC30A	5500-B1A-YY0E	5500-C1S-B23A	5500-C9A-BF20A	5500-M1A-FFF25A	5600-2C1A-B20B
5500-A1U-BF23A	5500-B1S-B20A	5500-C1S-BF20A	5500-C9A-BF20B	5500-M1A-LLL30A	5600-2C1A-C20A
5500-A1U-BF25A	5500-B1S-B20AP	5500-C1S-F23A	5500-C9A-FF10A	5500-M1A-X0K	5600-2C1A-E20A
5500-A1U-EE25A	5500-B1U-BF23A	5500-C1T-F20BM	5500-C9S-F30A	5500-M1W-BF23AM	5600-2C1A-E20B



Table 1
Compliant PCA's, CRA's and CVA's with Cylinder Rating 3AA-1800 (continued)

5600-2C1A-E20D	5600-8C1A-X0K	5600-9D1A-G30A	804464-02	9700-C1A-BF23A	9800-1C1A-X0N
5600-2C1A-E23A	5600-8C1B-F23A	5600-9D1A-X0K	894-20200	9700-C1A-BF23B	9800-1C1A-X0X
5600-2C1A-E23B	5600-8C6A-F23A	5600-9D1A-Y0N	894-20330	9700-C1A-BF23D	9800-1D1A-BF23A
5600-2C1A-F20A	5600-8D1A-X0K	5600-9D1B-X0K	894-30200	9700-C1A-F20D	9800-1D1A-F23AM
5600-2C1A-F23A	5600-8D1A-Y0N	5600-9D6A-B5A	894-30220	9700-C1A-F23A	9800-1D1A-F23AN
5600-2C1A-F30A	5600-8G2A-X0K	5600-9D9A-X0K	894-30300	9700-C1A-F23AM	9800-2C1A-E20A
5600-2C1A-G25A	5600-8G6A-X0K	5600-9G1A-X0K	894-30330	9700-C1A-F23AN	9800-2C1A-E20B
5600-2C1A-X0K	5600-9A1A-B25A	5600-9J6A-F30A	894-30400	9700-C1A-Y0N	9800-2C1A-E23A
5600-2C1A-X0M	5600-9B2A-X0K	5600-9L6C-BF25A	894-30430	9700-C1A-YY0N	9800-2C1A-F23A
5600-2C1A-Y0N	5600-9B6A-X0K	5600-9M1A-F23AM	894-40300	9700-C1A-YY0S	9800-2C1A-F23D
5600-2C1B-X0K	5600-9B6C-BF25A	5600-9M1A-HH20A	894-40330	9700-C2C-F20D	9800-2C1A-X0X
5600-2C5A-E20B	5600-9C1A-F20A	5600-9M6A-BF30A	894-50300	9700-C3C-BF20D	9800-2D1A-BF20B
5600-2C5A-X0K	5600-9C1A-F20B	5600-9M6A-F30AE	899-BA0S22	9700-D1A-BBF20B	9800-2D1A-BF23A
5600-2C6A-B23A	5600-9C1A-F23A	5600-9M6A-F30AN	9700-A1A-B20A	9700-D1A-BBF23A	9800-2D1A-E23AM
5600-2C6A-F23A	5600-9C1A-X0K	5600-9M6A-FF30A	9700-A1A-BF20B	9700-F1A-BF23AM	9800-2D1A-F20BM
5600-2C6A-X0K	5600-9C1A-Y0E	5600-9M9F-F30AN	9700-A1A-BF23A	9700-F1A-BF23AN	9800-2D1A-F23AM
5600-2C9F-X0K	5600-9C1A-Y0N	5600-9P1A-Y0EN	9700-A1A-BF23B	9700-F1A-BF23BN	9800-2D1A-F23AN
5600-2D1A-X0K	5600-9C1C-BF23A	5600-9P6A-F30AN	9700-A1A-YY0N	9700-F1A-BY23AN	9800-2D1A-F23BM
5600-2D1B-X0K	5600-9C6A-X0K	803240-03	9700-B1X-BBF25A	9700-F1A-YYY0N	9800-2D1A-F23BN
5600-2G1A-B20B	5600-9C9A-F10A	803240-05	9700-C1A-B23AN	9800-1C1A-E20A	9800-9C1A-E23A
5600-2J1A-BF23A	5600-9C9A-F30A	803240-10	9700-C1A-BB23A	9800-1C1A-E20B	9800-9C1A-X0X
5600-2M1A-BF23A	5600-9D1A-E20B	803519-01	9700-C1A-BF20A	9800-1C1A-E23B	9800-9D1A-F23AM
5600-8B6A-X0K	5600-9D1A-E30A	803668-01	9700-C1A-BF20B	9800-1C1A-F20A	
5600-8C1A-F23A	5600-9D1A-F23A	804464-01	9700-C1A-BF20D	9800-1C1A-F23A	

Table 2
Compliant PCA's, CRA's and CVA's with Cylinder Rating 3HT-1850

5500-S1X-BBF10A	6350A25-WW-C	6350A34-CC-Z	800425-09	801307-20	891411-17
5500-S6X-BBF10A	6350A27-CC-C	6350A34-DD-C	801293-01	801307-21	891411-19
5500-S6X-YY0E	6350A27-EE-C	6350A34-EE-C	801293-03	801307-22	891411-31
5500-S6X-YY0N	6350A27-EE-Z	6350A34-EE-Z	801293-05	801307-23	891511-11
5500-S9X-YY0E	6350A27-SSS-C	6350A34-FF-C	801293-06	801307-24	891511-14
6350A22-CC-C	6350A27-SSS-Z	6350A34-LL-C	801293-07	801365-03	891511-17
6350A22-FF-C	6350A27-UU-C	6350A34-SSS-C	801293-09	801365-04	891511-31
6350A22-UUU-C	6350A27-WW-C	6350A34-SSS-Z	801293-10	801365-13	891511-33
6350A22-WW-C	6350A33-CC-C	6350A34-UU-C	801293-12	801365-14	892011-12
6350A25-BB-C	6350A33-CC-Z	6350A34-UUU-C	801307-00	801375-00	892031-02
6350A25-CC-C	6350A33-EE-C	6350A34-UUU-Z	801307-01	801977-04	892031-11
6350A25-DD-C	6350A33-EE-Z	6350A34-YYY-A	801307-02	801977-05	892031-12
6350A25-EE-C	6350A33-FF-C	6350A34-YYY-C	801307-03	801977-13	892033-15
6350A25-EE-Z	6350A33-SSS-C	800112-23	801307-04	801977-14	892041-11
6350A25-FF-C	6350A33-SSS-Z	800378-00	801307-05	802890-02	892051-11
6350A25-SSS-C	6350A33-UUU-AG	800378-01	801307-06	803207-01	899-AA0S15
6350A25-SSS-Z	6350A33-UUU-C	800378-03	801307-07	805252-76	
6350A25-UUU-AG	6350A33-UUU-Z	800378-04	801307-08	891311-14	
6350A25-UUU-C	6350A33-WW-C	800425-03	801307-09	891311-19	
6350A25-UUU-Z	6350A34-BB-Z	800425-04	801307-10	891311-31	
6350A25-UU-Z	6350A34-CC-C	800425-08	801307-11	891411-14	

Table 3



Compliant PCA's, CRA's and CVA's with Cylinder Rating DOT-E8162-1850

5500-T2A-CC30B	806369-41	895-03077	895-15050	895-49040	89794015
5500-T2A-Y0T	806371-111	895-04022	895-16077	895-49050	89794040
5500-T2A-YY0N	806371-120	895-04050	895-18015	895-51015	89794050
5600-9T1A-F25A	806371-121	895-04077	895-18022	895-51022	89794077
803240-02	806371-130	895-05022	895-18040	895-51050	89795050
803240-04	806371-140	895-05040	895-18050	89710015	89796015
803358-01	806371-311	895-05050	895-18077	89711015	89796077
803358-05	806385-11	895-05077	895-19022	89713015	89798015
804044-15	806385-111	895-06022	895-19040	89715050	89798022
804044-77	806385-12	895-06040	895-20077	89718015	89798050
804882-13	806385-13	895-06050	895-21040	89718050	89798077
804882-14	806385-14	895-06077	895-21077	89720050	89799015
804882-22	806385-141	895-07015	895-25015	89721022	89799050
804882-23	806463-11	895-07050	895-26022	89723015	898-GT0C50
804882-24	806463-21	895-07077	895-27015	89725050	898-JT0C50
804882-34	895-01015	895-08015	895-28015	89726022	898-JT0C77
805676-01	895-01022	895-08022	895-35077	89726050	898-MT0C15
805711-01	895-01040	895-08077	895-37015	89726077	898-MT0C77
805711-02	895-01050	895-09015	895-37040	89728040	899-CA0C15
806369-11	895-01077	895-09022	895-37050	89730050	9700-G2A-BF10A
806369-12	895-02015	895-09077	895-48015	89730077	9700-G2A-BF25A
806369-21	895-02022	895-10015	895-48022	89790022	9700-G2A-FF25B
806369-22	895-02040	895-10050	895-48050	89790050	
806369-23	895-02050	895-11022	895-48077	89793015	
806369-31	895-02077	895-11040	895-49015	89793050	
806369-32	895-03022	895-11050	895-49022	89793077	

Table 4
Compliant PCA's with Cylinder Rating DOT-E10915

3552AAAAAACXCD	3552AAADAACXCD	3552AAAWAACXCD	3552AAAXAACXCD	552CAAAAAACXCD
3552CAADAACXCD	3552CAAWAACXCD	806326-04	806326-05	

3. MATERIALS

N/A

4. ACCOMPLISHMENT OF SIL

N/A Informational only

5. TO CONTACT AVOX SYSTEMS:

A. To get technical aid, contact the AVOX Systems Technical Support Department.

- Telephone: 1-716-683-5100
- Fax: 1-716-681-1089
- E-Mail: avoxcs@avox.zodiac.com



5. TO CONTACT AVOX SYSTEMS: (Continued)

- B. To get a copy of a CMM or the revision status of a publication, contact the AVOX Systems Technical Publications Department. Give the AVOX Systems part number and the aircraft model when you send a request for a CMM copy.

- Telephone: 1-716-683-5100
- Fax: 1-716-681-1089
- E-Mail: avoxtechpub@avox.zodiac.com
- Publications Index - to view and print this index, follow the directions below:

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